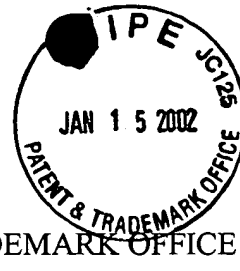


Attorney's Docket No. 42943/234956



GP # 2121 # 4/31
01-29-02

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED

In re: Pelton et al.
Appl. No.: 09/878,784
Filed: June 11, 2001
For:

Confirmation No.: 1474
Group Art Unit: 2121

JAN 22 2002
Technology Center 2100

APPARATUS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR
REDUCING THE NUMBER OF COMPUTATIONS AND NUMBER OF
REQUIRED STORED VALUES FOR INFORMATION PROCESSING
METHODS

December 3, 2001

Commissioner for Patents
Washington, DC 20231

**INFORMATION DISCLOSURE STATEMENT
CITATION UNDER 37 C.F.R. § 1.97**

Sir:

Attached is a list of documents on form PTO-1449 together with a copy of each identified document. It is requested that the Examiner consider these documents and officially make them of record in accordance with the provisions of 37 C.F.R. § 1.97 and Section 609 of the MPEP. By submitting the listed documents, Applicant in no way makes any admission as to the prior art status of the listed documents, but is instead submitting the listed documents for the sake of full disclosure.

Respectfully submitted,

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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner For Patents, Washington, DC 20231, on December 3, 2001.

W. Kevin Ransom

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number 09/878,784

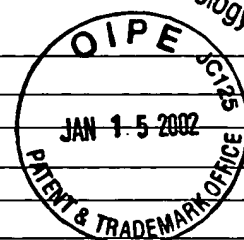
Filing Date June 11, 2001

First Named Inventor Pelton et al.

Group Art Unit 2121 2124

Confirmation No. 1474

Attorney Docket Number 42943/234956



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U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant Of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear
		Number	Kind Code ² (if known)			
CD	1	4,023,028		Dillard	05-10-77	
CD	2	4,225,937		Perreault et al.	09-30-80	
CD	3	4,581,715		Hyatt	04-08-86	
CD	4	4,929,954		Elleau	05-29-90	
CD	5	5,245,564		Quek et al.	09-14-93	
CD	6	5,515,308		Karp et al.	05-07-96	
CD	7	5,563,818		Agarwal et al.	10-08-96	
CD	8	5,784,307		Sheaffer	07-21-98	
CD	9	5,818,745		Sheaffer	10-06-98	
CD	10	6,127,863		Elliott	10-03-00	
CD	11	6,240,338	B1	Peterson	05-29-01	
CD	12	6,240,433	B1	Schmookler et al.	05-29-01	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code (if known) ⁵				
CD	13	WO	00/67146	A1	Pelton	11-09-00		
CD	14	WO	99/63451	A1	Telefonaktiebolaget LM Ericsson	12-09-99		

Examiner
Signature

Date
Considered

4/13/04

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¹ Unique citation designation number.

² See attached Kinds of U.S. Patent Documents.

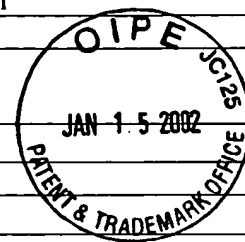
³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

⁶ Applicant is to place an "X" here if English language Translation is attached.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	09/878,784
				Filing Date	June 11, 2001
				First Named Inventor	Pelton et al.
				Group Art Unit	2121 2124
				Confirmation No.	1474
Sheet	2	of	2	Attorney Docket Number	42943/234956



NON PATENT LITERATURE DOCUMENTS
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Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
CD	15	<i>On the Real Time Computation of DFT and DCT Through Systolic Architectures</i> , N. Rama Murthy et al., IEEE Transactions on Signal Processing, Vol. 42, No. 4, April 1994, pp. 988-991	
CD	16	<i>A Review of the Discrete Fourier Transform, Part 1: Manipulating the Powers of Two</i> , G. M. Blair, Electronics and Communication Engineering Journal, Institute of Electrical Engineers, London, Vol. 7, No. 4, Aug. 1, 1995, pp. 169-177	
CD	17	<i>Theory and Application of Digital Signal Processing</i> , L. R. Rabiner et al., Prentice-Hall, Inc., New Jersey, 1975, pp. 50-56 and 594-603, XP002141966	
CD	18	<i>A Comparative Review of Real and Complex Fourier-Related Transforms</i> , O. K. Ersoy, Proceedings of the IEEE, US, IEEE, New York, Vol. 82, No. 3, March 1994, pp. 429-447	
CD	19	<i>Numerical Methods</i> , Numerical Methods, XX, XX, G. Dahlquist et al., 1974, pp. 14-19, XP002116162	
Examiner Signature			Date Considered 4/13/04

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